

Higher education revenues per student

A substantial proportion of higher education revenues is made up of student tuition and fees, government appropriations, and private gifts and endowments. Since access to higher education is partially determined by its cost to students, changes in the relative size of these revenue sources can influence a student's decision to pursue a higher education degree.

- The primary source of revenue for all public institutions comes from federal, state, and local government appropriations. Between 1985 and 1995, government appropriations per full-time-equivalent (FTE) student fell both in 1997 constant dollars and as a share of all revenue at public universities, dropping from \$9,098 to \$7,714 and from 53 to 42 percent (see supplemental table 54-1).
- Between 1985 and 1995, tuition and fees per FTE student increased both in constant dollars and as a share of all revenue at public institutions. At public universities, for example, tuition and fees rose from \$3,121 to \$4,426 in constant dollars and from 18 to 24 percent as a share of all revenue between 1985 and 1995 (see supplemental table 54-1).
- Between 1985 and 1995, average tuition and fee revenue per FTE student increased at private universities, rising from \$12,023 to \$16,344 in 1997 constant dollars. In addition, revenue from private gifts and endowment income per FTE student climbed by 33 percent (from \$6,020 to \$8,008), while remaining similar at private 4-year colleges.

General education revenues of institutions of higher education per full-time-equivalent (FTE) student (in 1997 constant dollars), by selected revenue sources and control and type of institution: Academic years ending 1977-95

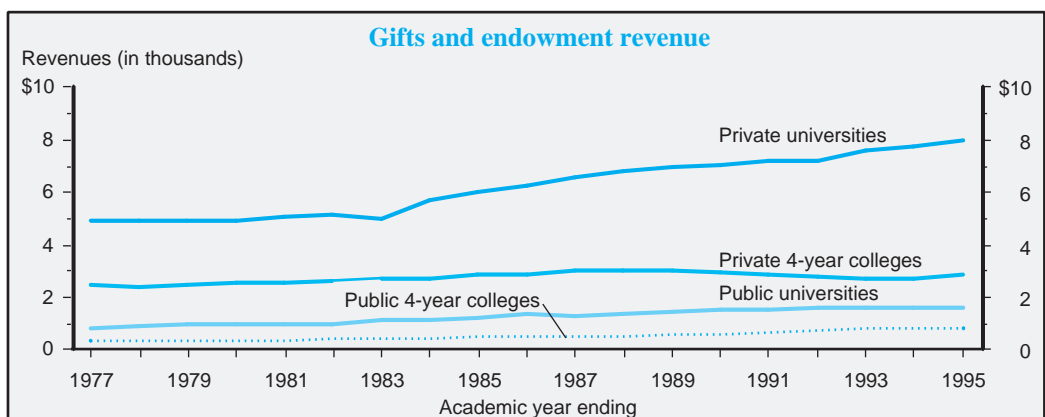
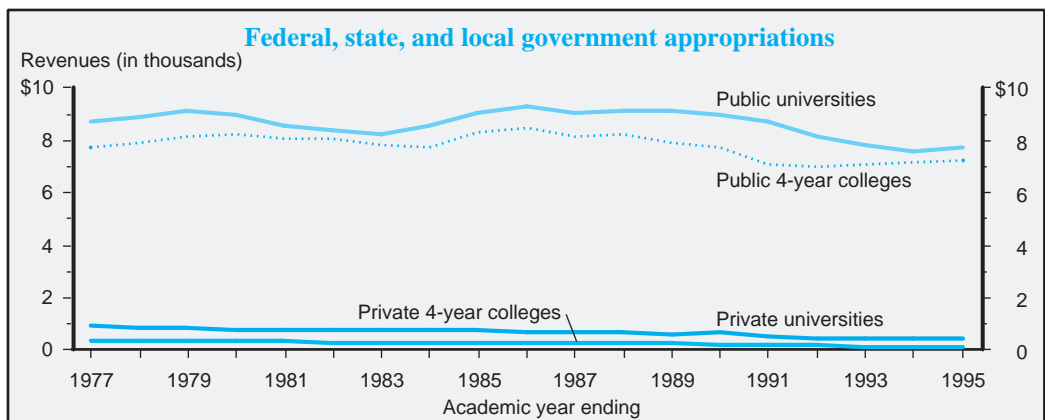
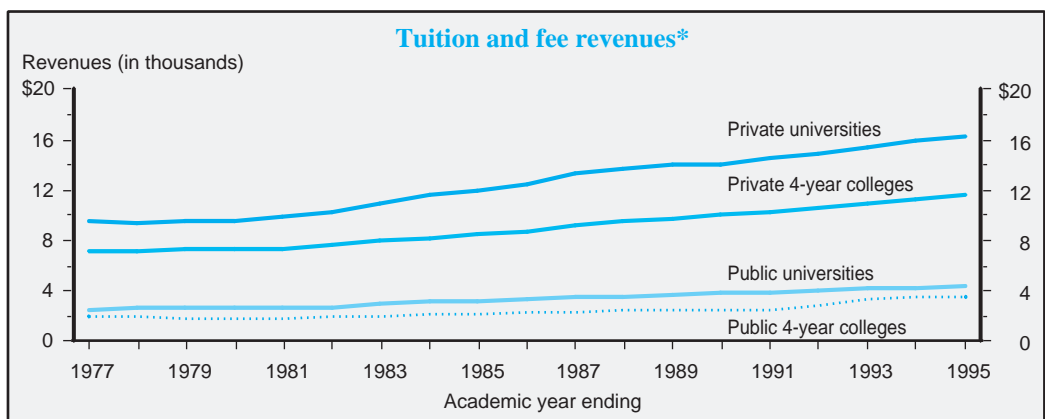
Academic year ending	Universities				Colleges					
	Private		Public		Private 4-year		Public 4-year		Public 2-year	
	Gifts and		Government		Gifts and		Government		Government	
	Tuition and fees*	endowment	Tuition and fees*	appropriations	Tuition and fees*	endowment	Tuition and fees*	appropriations	Tuition and fees*	appropriations
1977	\$9,505	\$4,952	\$2,577	\$8,691	\$7,197	\$2,504	\$1,933	\$7,738	\$1,055	\$4,677
1978	9,474	4,902	2,606	8,869	7,231	2,428	1,905	7,898	1,013	4,721
1979	9,568	4,953	2,649	9,150	7,276	2,444	1,871	8,184	1,015	4,788
1980	9,604	4,956	2,617	8,960	7,345	2,543	1,850	8,266	1,019	4,675
1981	9,858	5,117	2,635	8,602	7,397	2,555	1,874	8,079	1,015	4,403
1982	10,224	5,152	2,756	8,405	7,620	2,638	1,961	8,040	1,072	4,342
1983	10,920	5,011	2,981	8,223	7,951	2,697	2,014	7,802	1,076	4,032
1984	11,627	5,733	3,105	8,539	8,206	2,725	2,180	7,723	1,117	4,115
1985	12,023	6,020	3,121	9,098	8,467	2,849	2,240	8,306	1,188	4,465
1986	12,436	6,233	3,302	9,306	8,707	2,896	2,324	8,466	1,207	4,674
1987	13,315	6,546	3,451	9,077	9,272	3,030	2,327	8,157	1,219	4,693
1988	13,678	6,811	3,618	9,162	9,527	3,015	2,421	8,241	1,204	4,584
1989	13,993	6,953	3,715	9,142	9,724	3,008	2,489	7,893	1,264	4,597
1990	14,123	7,069	3,803	9,016	10,014	2,948	2,532	7,706	1,264	4,410
1991	14,603	7,171	3,933	8,766	10,331	2,908	2,548	7,105	1,319	4,386
1992	14,969	7,171	4,097	8,166	10,685	2,784	2,875	7,047	1,384	4,134
1993	15,384	7,569	4,183	7,841	10,914	2,747	3,293	7,069	1,738	4,088
1994	15,892	7,772	4,291	7,576	11,232	2,731	3,465	7,145	1,823	4,207
1995	16,344	8,008	4,426	7,714	11,578	2,893	3,560	7,279	1,824	4,313

* Federally supported student aid received through students (e.g., Federal Student Loan Programs) is included under tuition and fees.

NOTE: The Higher Education Price Index (HEPI) was used to calculate constant dollars, and the Consumer Price Index (CPI) was used to forecast the HEPI to July 1997. Data for academic years 1976-77 through 1985-86 include only institutions that provided both enrollment and finance data. Data for "Gifts and endowment" and "Government appropriations" do not always match individual categories presented in table 54-2 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS) "Financial Statistics of Institutions of Higher Education" survey, and Integrated Postsecondary Education Data System (IPEDS) "Institutional Characteristics," "Financial Statistics," and "Fall Enrollment" surveys.

Selected education revenues of institutions of higher education per FTE student (in 1997 constant dollars), by selected revenue sources and type of institution: Academic years ending 1977–95



* Federally supported student aid received through students (e.g., Federal Student Loan Programs) is included under tuition and fees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS) "Financial Statistics of Institutions of Higher Education" survey, and Integrated Postsecondary Education Data System (IPEDS) "Institutional Characteristics," "Financial Statistics," and "Fall Enrollment" surveys.

Table 54-1 Percentage distribution of general education revenues of institutions of higher education per full-time-equivalent (FTE) student, by revenue source and control and type of institution: Academic years ending 1977–95

Academic year ending	Total	Tuition and fees*	Federal appropriations	State and local appropriations	Federal grants and contracts	State and local grants and contracts	Private gifts	Endowment	Sales and services of educational activities
Private universities									
1977	100.0	40.3	2.2	1.8	27.7	2.5	12.9	8.0	4.6
1978	100.0	40.6	2.0	1.6	27.4	2.2	13.4	7.7	5.1
1979	100.0	40.8	2.0	1.5	27.4	2.2	12.9	8.2	4.9
1980	100.0	40.1	1.9	1.4	27.8	2.6	12.4	8.3	5.4
1981	100.0	40.8	1.8	1.5	27.4	2.1	12.8	8.4	5.2
1982	100.0	42.5	1.7	1.4	25.6	1.9	12.7	8.7	5.3
1983	100.0	45.0	1.8	1.4	23.2	2.2	12.9	7.7	5.7
1984	100.0	44.2	1.6	1.3	22.8	2.2	13.4	8.4	6.1
1985	100.0	44.4	1.5	1.2	22.8	2.1	13.5	8.7	5.7
1986	100.0	44.2	1.4	1.2	23.2	2.2	13.6	8.6	5.7
1987	100.0	43.8	1.1	1.1	23.9	2.8	13.3	8.2	5.7
1988	100.0	44.0	1.1	1.0	22.3	3.6	13.5	8.5	6.0
1989	100.0	44.0	1.1	0.9	21.9	3.7	13.2	8.6	6.5
1990	100.0	43.9	1.1	0.9	21.9	3.7	13.4	8.6	6.4
1991	100.0	45.0	0.9	0.8	21.2	3.2	13.6	8.5	6.8
1992	100.0	45.1	0.9	0.5	21.1	3.4	13.5	8.1	7.4
1993	100.0	44.8	0.8	0.4	21.1	3.4	14.0	8.1	7.5
1994	100.0	45.0	0.8	0.4	21.6	2.6	14.1	7.9	7.7
1995	100.0	45.0	0.7	0.4	21.2	2.7	14.0	8.0	7.8
Public universities									
1977	100.0	16.4	2.9	52.4	17.0	2.1	4.7	0.7	3.7
1978	100.0	16.3	3.0	52.5	16.7	2.1	4.8	1.0	3.5
1979	100.0	15.9	3.0	52.1	16.9	2.3	4.7	1.0	4.0
1980	100.0	15.9	2.6	51.8	17.4	2.1	5.0	1.1	4.1
1981	100.0	16.4	2.3	51.3	17.3	2.3	5.0	1.1	4.3
1982	100.0	17.6	2.1	51.4	15.8	2.2	5.3	1.1	4.4
1983	100.0	19.0	2.0	50.3	15.0	2.1	5.9	1.2	4.5
1984	100.0	19.1	2.0	50.6	14.9	1.9	5.8	1.3	4.4
1985	100.0	18.3	2.1	51.2	14.8	2.0	5.9	1.3	4.4
1986	100.0	18.6	2.1	50.5	14.8	2.0	6.2	1.4	4.4
1987	100.0	19.5	1.9	49.3	15.0	2.4	6.4	1.0	4.5
1988	100.0	19.8	1.5	48.7	15.4	2.4	6.6	1.0	4.5
1989	100.0	20.0	1.5	47.7	15.6	2.6	7.0	1.0	4.6
1990	100.0	20.3	1.4	46.8	15.6	2.9	7.3	1.0	4.6
1991	100.0	21.1	1.4	45.6	16.0	3.0	7.2	1.1	4.8
1992	100.0	22.2	1.4	42.9	16.9	2.7	7.6	1.2	5.1
1993	100.0	23.0	1.4	41.8	17.0	2.7	7.7	1.3	5.1
1994	100.0	23.8	1.3	40.7	17.6	2.9	7.6	1.2	4.9
1995	100.0	24.0	1.2	40.6	17.4	3.0	7.5	1.3	5.0

Table 54-1 Percentage distribution of general education revenues of institutions of higher education per full-time-equivalent (FTE) student, by revenue source and control and type of institution: Academic years ending 1977–95—Continued

Academic year ending	Total	Tuition and fees*	Federal appropriations	State and local appropriations	Federal grants and contracts	State and local grants and contracts	Private gifts	Endow-ment	Sales and services of educational activities
Private 4-year colleges									
1977	100.0	61.7	0.9	2.1	10.8	2.0	15.6	5.8	1.0
1978	100.0	62.5	1.0	2.0	10.5	2.0	15.2	5.8	1.0
1979	100.0	62.2	1.0	1.9	11.0	2.0	14.7	6.2	1.0
1980	100.0	61.0	1.0	1.9	11.5	2.3	14.5	6.6	1.1
1981	100.0	61.6	1.1	1.9	10.7	2.3	14.3	6.9	1.2
1982	100.0	63.0	0.8	1.7	9.2	2.3	14.2	7.6	1.0
1983	100.0	64.6	0.6	1.7	7.7	2.4	14.4	7.5	1.0
1984	100.0	65.0	0.5	1.7	7.7	2.4	14.2	7.4	1.1
1985	100.0	64.8	0.5	1.6	7.7	2.5	14.3	7.5	1.0
1986	100.0	64.9	0.5	1.6	7.8	2.6	14.1	7.4	1.1
1987	100.0	65.2	0.6	1.6	7.4	2.9	14.1	7.2	1.1
1988	100.0	65.5	0.5	1.6	7.4	3.1	13.4	7.3	1.1
1989	100.0	66.0	0.4	1.4	7.1	3.6	13.0	7.5	1.1
1990	100.0	66.8	0.4	1.2	7.1	3.8	12.4	7.3	1.0
1991	100.0	68.1	0.4	1.1	6.8	3.5	12.0	7.1	1.0
1992	100.0	68.9	0.4	0.8	7.0	4.1	11.5	6.5	1.0
1993	100.0	69.3	0.3	0.7	7.0	3.8	11.3	6.1	1.5
1994	100.0	69.6	0.2	0.7	7.0	4.0	11.1	5.8	1.5
1995	100.0	69.9	0.2	0.5	7.1	3.7	11.6	5.9	1.0
Public 4-year colleges									
1977	100.0	16.4	4.9	60.7	11.6	2.1	2.4	0.3	1.7
1978	100.0	16.0	4.9	61.4	10.9	2.2	2.5	0.2	1.8
1979	100.0	15.2	4.9	61.6	11.2	2.3	2.5	0.3	1.9
1980	100.0	14.9	5.0	61.5	11.3	2.2	2.6	0.3	2.1
1981	100.0	15.4	5.3	60.8	10.9	2.2	2.7	0.4	2.3
1982	100.0	16.1	4.7	61.5	9.7	2.1	2.9	0.4	2.5
1983	100.0	17.0	4.8	61.2	8.7	2.1	3.2	0.4	2.5
1984	100.0	18.2	4.7	59.8	8.5	2.3	3.3	0.4	2.7
1985	100.0	17.6	4.6	60.7	8.3	2.1	3.4	0.4	2.8
1986	100.0	17.7	4.3	60.0	8.4	2.6	3.6	0.4	3.0
1987	100.0	18.0	4.3	58.8	8.4	3.0	3.8	0.5	3.3
1988	100.0	18.4	4.3	58.4	8.3	2.9	3.7	0.5	3.5
1989	100.0	19.2	2.8	58.1	8.6	3.0	4.1	0.6	3.7
1990	100.0	19.7	4.2	55.6	8.6	3.2	4.3	0.6	3.8
1991	100.0	20.7	3.8	53.8	8.9	3.4	4.8	0.3	4.2
1992	100.0	22.4	3.6	51.3	9.4	3.7	4.9	0.6	4.1
1993	100.0	23.9	3.2	48.1	10.4	4.0	5.2	0.8	4.4
1994	100.0	24.4	3.4	46.8	10.8	4.2	5.3	0.6	4.5
1995	100.0	24.2	3.2	46.2	11.1	4.8	5.2	0.6	4.7

Table 54-1 Percentage distribution of general education revenues of institutions of higher education per full-time-equivalent (FTE) student, by revenue source and control and type of institution: Academic years ending 1977–95—Continued

Academic year ending	Total	Tuition and fees*	Federal appropriations	State and local appropriations	Federal grants and contracts	State and local grants and contracts	Private gifts	Endowment	Sales and services of educational activities
Public 2-year colleges									
1977	100.0	16.8	2.0	72.5	5.8	2.0	0.5	0.1	0.4
1978	100.0	16.1	1.8	73.3	5.5	2.3	0.5	0.1	0.4
1979	100.0	15.8	1.9	72.7	6.0	2.5	0.5	0.1	0.5
1980	100.0	16.1	1.3	72.6	6.3	2.6	0.5	0.1	0.5
1981	100.0	16.8	1.2	71.7	6.3	2.8	0.5	0.1	0.6
1982	100.0	18.0	1.1	71.7	5.2	2.9	0.5	0.1	0.5
1983	100.0	19.3	0.8	71.4	4.3	2.9	0.6	0.1	0.5
1984	100.0	19.5	0.9	71.0	4.4	2.9	0.6	0.1	0.5
1985	100.0	19.1	0.7	70.9	4.6	3.4	0.6	0.1	0.5
1986	100.0	18.6	0.6	71.4	4.5	3.7	0.6	0.1	0.6
1987	100.0	18.5	0.7	70.4	4.1	4.8	0.6	0.1	0.6
1988	100.0	18.7	0.7	70.5	4.1	4.7	0.7	0.1	0.5
1989	100.0	19.1	0.7	68.7	4.2	6.0	0.8	0.1	0.5
1990	100.0	19.6	0.7	67.7	4.2	6.3	0.9	0.1	0.5
1991	100.0	20.5	0.7	67.4	4.2	5.7	0.9	0.1	0.5
1992	100.0	22.1	0.8	65.2	4.5	5.8	1.0	0.1	0.5
1993	100.0	26.2	0.6	61.0	5.0	5.6	1.0	0.1	0.7
1994	100.0	26.4	0.6	60.4	5.2	5.6	1.0	0.1	0.8
1995	100.0	25.8	0.5	60.6	5.4	5.8	1.1	0.1	0.7

* Federally supported student aid received through students (e.g., Federal Student Loan Programs) is included under tuition and fees.

NOTE: Data for academic years 1976–77 through 1985–86 include only institutions that provided both enrollment and finance data. Details may not add to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS) "Financial Statistics of Institutions of Higher Education" survey, and Integrated Postsecondary Education Data System (IPEDS) "Institutional Characteristics," "Financial Statistics," and "Fall Enrollment" surveys.